

IN THE SPECIFICATION:

Please replace the paragraph starting on page 2, line 27 and ending on page 2, line 30 with the following paragraph:

In existing venturi pumps, the cross-sectional areas of the primary inlet, secondary inlet, throat, and outlet nozzle are fixed. This means that the inlet-to-throat area ratio and the throat-to-outlet nozzle area ratio are fixed. This leads to at least three problems with existing venturi pumps.

Please replace the paragraph starting on page 3, line 1 and ending on page 3, line 14 with the following paragraph:

First, when a column of fluid (or head) at the outlet nozzle is high enough, the pump will be unable to pump the fluid any higher. This is because the motive force pumping the fluid through the outlet nozzle is in equilibrium with the weight of the fluid head at the outlet nozzle. A second problem with conventional venturi pumps is that if debris or other contaminants (such as leaves or rocks) block the secondary inlet the flow rate decreases and the pump performance suffers. In addition, viscous fluid (such as oil or a combination of water and mud) requires greater suction in the pumping chamber than a less viscous fluid (such as water). A third problem is that a rigid foreign object in the fluid being pumped (such as a rock) may be sucked through the secondary inlet and lodge in the outlet nozzle. In extreme situations, the foreign object may completely block the outlet nozzle, thereby effectively shutting down the pump. Therefore, what is needed is an improved venturi pump that overcomes the aforementioned problems to provide increased performance and usefulness without undue cost and complexity.

Please replace the paragraph starting on page 7, line 4 and ending on page 7, line 12 with the following paragraph:

FIG. 1 illustrates an exemplary embodiment of a venturi pump containing the automatically deformable nozzle regulator described herein being used in a fluid-

pumping environment and is shown for illustrative purposes only. In general, the fluid-pumping environment 100 includes the automatically deformable nozzle regulator 105 that is incorporated into a venturi pump body 110. This combination of the nozzle regulator 105 and the venturi body 110 creates an outlet side regulated venturi pump 115. The pump 115 is disposed in a fluid (such as water) and is used to draw the fluid into the pump and output the fluid at another location.

Please replace the paragraph starting on page 7, line 29 and ending on page 8, line 3 with the following paragraph:

An outlet line 150 is connected to the outlet side of the pump 115 containing the automatically deformable nozzle regulator 105. The height of the output water ("h") within the outlet line 150 is known as the "head." Water output from the pump 115 is pushed through the outlet line 150 and at an outlet line end 155 to an area outside of the tank 120. In this manner, the water 125 is removed from the tank 120 by the pump 115.